

Abstract of the Invention

A binding partner in a biological sample interacts with an array of molecules, and the pattern of binding of the binding partners to the respective molecules on the array provides an indication of a normal condition or disease condition, such as cancers, neoplasias and non-neoplastic disorders, in an animal, avian or plant species. The assay can also provide an indication of the presence or absence of a particular cell type or microbial, viral, parasitic or other pathogenic agent. Further, the assay can be used to detect chemical entities in chemical, environmental and phage display samples.